LISTING OF CLAIMS:

- (Currently Amended) Heat transfer fluid, for use over a broad range of temperatures, consisting essentially of a component selected from the group consisting of:
 - (a) a mixture of at least two structurally non-identical <u>saturated</u> cycloalkane-alkyl or polyalkyl components, wherein the cycloalkane moiety contains from 5 to 8 carbon atoms, the alkyl moiety contains from 1 to 6 carbon atoms with the proviso that the total number of carbon atoms in the alkyl moiety(ies) <u>on the cycloalkane-alkyl and cycloalkane-polyalkyl compounds together is in the range of from 1 to 10:</u>
 - (b) a mixture of, at least, two structurally non-identical <u>saturated</u> aliphatic hydrocarbons having a linear or branched chain with from 5 to 15 carbon atoms; and
 - (c) a mixture of, at least, a saturated cycloalkane-alkyl or -polyalkyl, wherein the cycloalkane moiety contains from 5 to 8 carbon atoms, the alkyl moiety contains from 1 to 6 carbon atoms with the proviso that the total number of carbon atoms in the alkyl moiety(ies) on the cycloalkane-alkyl and cycloalkane-polyalkyl compounds together is in the range of from 1 to 10, and an a saturated aliphatic hydrocarbon having a linear or branched chain with from 5 to 15 carbon atoms;

at a level such that the composition has: a cloud point below -100 °C. , preferably in the range of from -110°C. to -175°C.; a vapor pressure, at +175 °C., below 1300 kPa; and a viscosity, measured at the cloud point temperature +10 °C., below 400 cP.

(Original) The heat transfer fluid in accordance with claim 1 wherein the alkyl moiety
in the cycloalkane-alkyl or -polyalkyl component is selected from methyl, ethyl and propyl and
mixtures thereof.

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- (Currently Amended) The heat transfer fluid in accordance with claim + 1(b) wherein
 the aliphatic hydrocarbon contains from 5 to 10 carbon atoms.
- (Original) The composition in accordance with claim 1 wherein the viscosity is below 300 cP.
- (Original) The composition in accordance with claim 1 wherein the vapor pressure, at +175 °C., is below 827 kPa.
- 6. (Original) The heat transfer fluid in accordance with claim 1 wherein the cycloalkane-alkyl component is represented by: cyclohexane-methyl, -dimethyl, -ethylmethyl, -trimethyl, -ethyl and -propyl; cyclohexane-methyl, -dimethyl, -dimethyl, -dimethyl, -trimethyl, -trimethyl, -ethyl and -propyl; and cyclooctane-methyl, -dimethyl, -trimethyl, -trimethyl, -ethyl and -propyl; and cyclooctane-methyl, -dimethyl, -ethylmethyl, -trimethyl, -ethyl and -propyl.
- 7. (Original) The heat transfer fluid in accordance with claim 1 wherein the aliphatic alkane is represented by: pentane-2,2,4-trimethyl; pentane-2,3,4-trimethyl; pentane-3-methyl; hexane-2-methyl; hexane-3-methyl; hexane-3-methyl; n-hexane; hexane-2,2-dimethyl; hexane-3,3-dimethyl; n-heptane; heptane-4-methyl; n-octane; and octane-2-methyl.
- (Original) The heat transfer fluid in accordance with claim 1(a) wherein the ponderal ratio of the structural non-identical cycloalkane components is in the range of from 95:5 to 5: 95.

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- 9. (Original) The heat transfer fluid in accordance with claim 8 wherein the cycloalkane components are represented by combinations of: ethylcyclopentane/ethylcyclohexane; ethylcyclopentane/n-propylcyclohexane; methylcyclohexane/ethylcyclohexane; methylcyclohexane/n-propylcyclohexane; methylcyclohexane/n-propylcyclohexane; ethylcyclohexane/n-propylcyclohexane; ethylcyclohexane/thylcyclopentane.
- 10. (Original) The heat transfer fluid in accordance with claim 1(c) wherein the ponderal ratio of the cycloalkane component to the aliphatic hydrocarbon is in the range of from 97: 3 to 10:90.
- 11. (Original) The heat transfer fluid in accordance with claim 8 wherein the ponderal ratio of the cycloalkane components is in the range of from 75: 25 to 25: 75.
- 12. (Original) The heat transfer fluid in accordance with claim 10 wherein the ponderal ratio of the cycloalkane component to the aliphatic hydrocarbon is in the range of from 80: 20 to 25: 75.
- 13. (Original) The heat transfer fluid in accordance with claim 12 wherein the ponderal ratio of the cycloalkane component to the aliphatic hydrocarbon is in the range of from 70:30 to 35:65.
- 14. (Original) The heat transfer fluid in accordance with claim 1(c) wherein the weight ratio of the aliphatic hydrocarbon to the cycloalkane component is in the range of from 90: 10 to 60: 40, whereby the aliphatic hydrocarbon is selected from 2-methylpentane, 3-methylpentane, 2,2,4-trimethylpentane and n-hexane and the cycloalkane component is selected from ethyl-cyclohexane and methyl-cyclohexane.

15. (New) The heat transfer fluid in accordance with claim 1 wherein the cloud point of the composition is in the range of from -110 °C. to -175 °C.